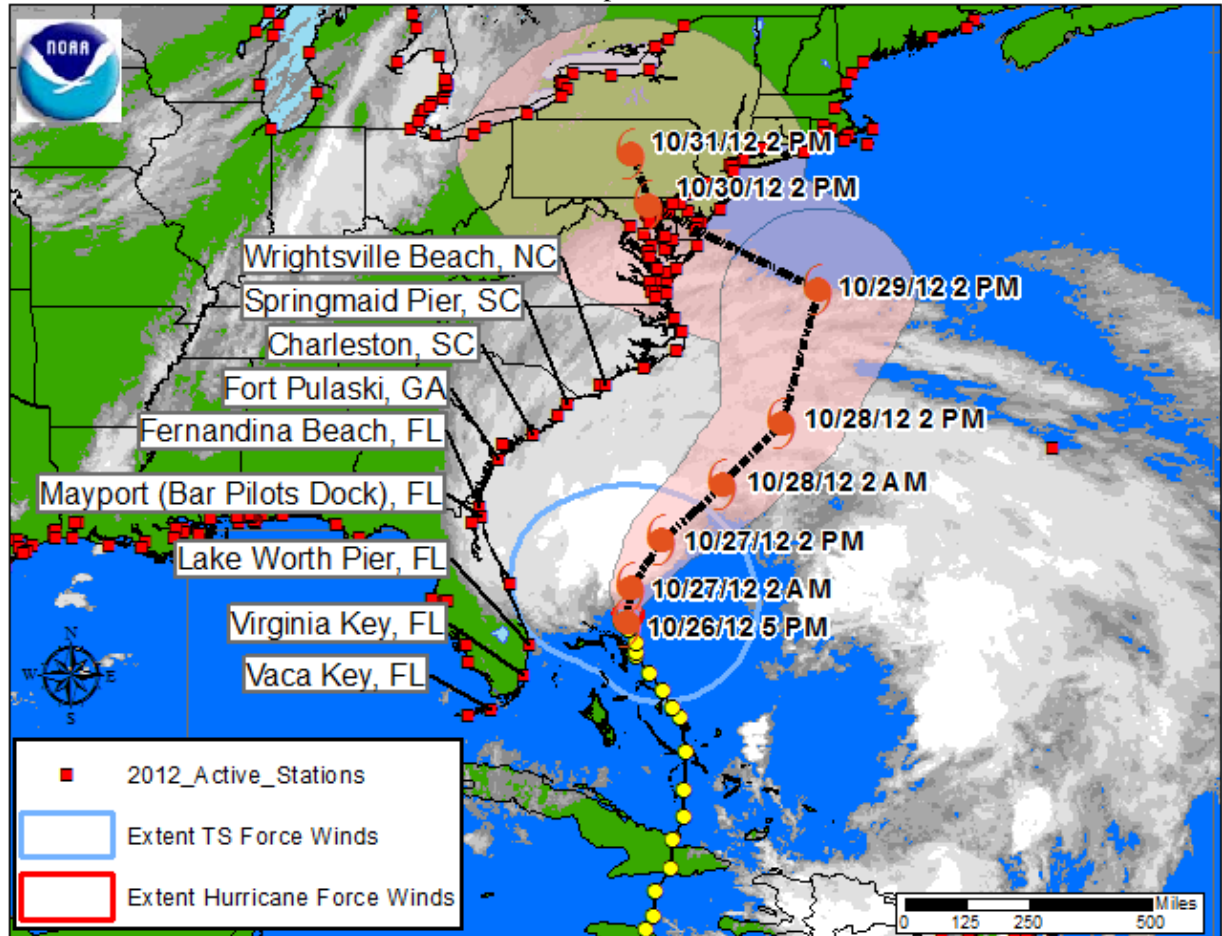




Hurricane SANDY QuickLook  
Posted: 18:00 EDT 10/26/2012



NOAA and NOAA Partnership Stations Relative to the Storm



Storm Analysis

As of 10/26/2012 18:00 EDT, water levels along the Florida coast from Vaca Key to Fernandina Beach are slightly elevated and range between 0.4 and 1.4 feet above tidal predictions. Water levels from Georgia to southern North Carolina are also slightly elevated. Winds from southern Florida to southern North Carolina range from 10 to 25 knots with gusts up to 45 knots measured at Lake Worth Pier over the past 6 hours. Winds are increasing along the northeastern coast of Florida. Barometric pressure continues to fall across the region.

Water Level and Meteorological plots available below are updated automatically. Water level predictions relative to Mean Lower Low Water are:

Lake Worth Pier, FL: Next predicted high tides are 3.2 ft (0.99 m) at 10/26/2012 18:34 EDT and 3.5 ft (1.08 m) at 10/27/2012 07:05 EDT.

Hurricane SANDY QuickLook, POSTED 18:00 EDT 10/26/2012

Mayport (Bar Pilots Dock), FL: Next predicted high tides are 5.3 ft (1.61 m) at 10/26/2012 19:15 EDT and 5.6 ft (1.74 m) at 10/27/2012 07:40 EDT.

Fernandina Beach, FL: Next predicted high tides are 6.7 ft (2.03 m) at 10/26/2012 19:20 EDT and 7.1 ft (2.19 m) at 10/27/2012 07:43 EDT.

Fort Pulaski, GA: Next predicted high tides are 7.5 ft (2.27 m) at 10/26/2012 18:33 EDT and 7.9 ft (2.44 m) at 10/27/2012 06:51 EDT.

Charleston, SC: Next predicted high tides are 5.8 ft (1.77 m) at 10/26/2012 18:26 EDT and 6.1 ft (1.89 m) at 10/27/2012 06:47 EDT.

Springmaid Pier, SC: Next predicted high tides are 5.8 ft (1.77 m) at 10/27/2012 06:21 EDT and 5.5 ft (1.69 m) at 10/27/2012 18:41 EDT.

Wrightsville Beach, NC: Next predicted high tides are 4.7 ft (1.43 m) at 10/27/2012 06:12 EDT and 4.2 ft (1.30 m) at 10/27/2012 18:30 EDT.

Virginia Key, FL: Next predicted high tides are 2.6 ft (0.79 m) at 10/26/2012 19:23 EDT and 2.7 ft (0.82 m) at 10/27/2012 07:57 EDT.

Vaca Key, FL: Next predicted high tides are 1.1 ft (0.32 m) at 10/27/2012 01:13 EDT and 1.0 ft (0.32 m) at 10/27/2012 14:18 EDT.

For additional data, please see the [Center for Operational Oceanographic Products & Services](#) website. For information on Highest Astronomical Tide (HAT), NAVD88 and other datums, please see [Tidal Datums](#). For more information or archived products and reports, please see the [Storm QuickLook](#) Homepage.

Analyst:PFF

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SELECT [NATIONAL HURRICANE CENTER](#) ADVISORY INFORMATION:

HURRICANE SANDY ADVISORY NUMBER 18  
NWS NATIONAL HURRICANE CENTER MIAMI FL AL182012  
500 PM EDT FRI OCT 26 2012

...SANDY MOVING SLOWLY AWAY FROM GREAT ABACO...  
...NEW WATCHES AND WARNINGS ISSUED...

WATCHES AND WARNINGS

-----  
CHANGES WITH THIS ADVISORY...

THE TROPICAL STORM WARNING IS EXTENDED NORTHWARD ALONG THE FLORIDA EAST COAST TO ST AUGUSTINE.

THE TROPICAL STORM WARNING FOR LAKE OKEECHOBEE IS DISCONTINUED.

THE TROPICAL STORM WATCH IS CHANGED TO A TROPICAL STORM WARNING FROM SOUTH

SANTEE RIVER SOUTH CAROLINA TO DUCK NORTH CAROLINA... INCLUDING THE PAMLICO AND ALBEMARLE SOUNDS.

SUMMARY OF WATCHES AND WARNINGS IN EFFECT...

A TROPICAL STORM WARNING IS IN EFFECT FOR...

- \* FLORIDA EAST COAST FROM NORTH OF DEERFIELD BEACH TO ST AUGUSTINE
- \* SOUTH SANTEE RIVER TO DUCK...INCLUDING PAMLICO AND ALBEMARLE SOUNDS
- \* GREAT ABACO AND GRAND BAHAMA ISLANDS

A TROPICAL STORM WATCH IS IN EFFECT FOR...

- \* SAVANNAH RIVER TO SOUTH SANTEE RIVER
- \* FLORIDA EAST COAST FROM NORTH OF ST AUGUSTINE TO FERNANDINA BEACH
- \* BERMUDA

IN ADDITION...GALE WATCHES HAVE BEEN ISSUED FOR AREAS NORTH OF THE TROPICAL STORM WARNING AREA. SEE STATEMENTS FROM LOCAL NATIONAL WEATHER SERVICE FORECAST OFFICES.

INTERESTS ELSEWHERE ALONG THE EAST COAST OF THE UNITED STATES SHOULD MONITOR THE PROGRESS OF SANDY.

A TROPICAL STORM WARNING MEANS THAT TROPICAL STORM CONDITIONS ARE EXPECTED SOMEWHERE WITHIN THE WARNING AREA.

A TROPICAL STORM WATCH MEANS THAT TROPICAL STORM CONDITIONS ARE POSSIBLE WITHIN THE WATCH AREA.

FOR STORM INFORMATION SPECIFIC TO YOUR AREA IN THE UNITED STATES... INCLUDING POSSIBLE INLAND WATCHES AND WARNINGS...PLEASE MONITOR PRODUCTS ISSUED BY YOUR LOCAL NATIONAL WEATHER SERVICE FORECAST OFFICE. FOR STORM INFORMATION SPECIFIC TO YOUR AREA OUTSIDE THE UNITED STATES...PLEASE MONITOR PRODUCTS ISSUED BY YOUR NATIONAL METEOROLOGICAL SERVICE.

DISCUSSION AND 48-HOUR OUTLOOK

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AT 500 PM EDT THE CENTER OF HURRICANE SANDY WAS LOCATED ABOUT 420 MI SSE OF CHARLESTON SOUTH CAROLINA. SANDY IS MOVING TOWARD THE NORTH NEAR 7 MPH AND A GENERAL NORTHWARD MOTION IS EXPECTED TO CONTINUE TONIGHT...FOLLOWED BY A TURN TOWARD THE NORTH-NORTHEAST WITH AN INCREASE IN FORWARD SPEED ON SATURDAY...AND A TURN TOWARD THE NORTHEAST ON SUNDAY. ON THE FORECAST TRACK...THE CENTER OF SANDY WILL BE MOVING AWAY FROM THE NORTHWESTERN BAHAMAS.

MAXIMUM SUSTAINED WINDS ARE NEAR 75 MPH WITH HIGHER GUSTS. SANDY IS A CATEGORY ONE HURRICANE ON THE SAFFIR-SIMPSON HURRICANE WIND SCALE. SOME WEAKENING IS FORECAST DURING THE NEXT DAY OR TWO.

HURRICANE FORCE WINDS EXTEND OUTWARD UP TO 35 MILES FROM THE CENTER...AND TROPICAL STORM FORCE WINDS EXTEND OUTWARD UP TO 275 MILES. A NOAA AUTOMATED STATION AT SETTLEMENT POINT ON GRAND BAHAMA ISLAND RECENTLY

REPORTED SUSTAINED WINDS OF 49 MPH WITH A GUST TO 63 MPH.

THE ESTIMATED MINIMUM CENTRAL PRESSURE IS 971 MB...28.67 INCHES.

#### HAZARDS AFFECTING LAND

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WIND...TROPICAL STORM CONDITIONS ARE EXPECTED TO CONTINUE OVER THE WARNING AREA ALONG THE EAST COAST OF FLORIDA TODAY AND TONIGHT. TROPICAL STORM CONDITIONS ARE EXPECTED IN THE TROPICAL STORM WARNING AREA IN THE CAROLINAS SATURDAY AND SATURDAY NIGHT. TROPICAL STORM CONDITIONS ARE POSSIBLE IN THE WATCH AREAS TONIGHT THROUGH SATURDAY NIGHT.

RAINFALL...ADDITIONAL RAINFALL ACCUMULATIONS OF 1 TO 2 INCHES ARE EXPECTED OVER PORTIONS OF EASTERN FLORIDA...WITH ISOLATED MAXIMUM AMOUNTS OF 6 INCHES POSSIBLE. RAINFALL TOTALS OF 4 TO 8 INCHES ARE POSSIBLE OVER FAR EASTERN NORTH CAROLINA.

STORM SURGE...THE COMBINATION OF A DANGEROUS STORM SURGE AND THE TIDE WILL CAUSE NORMALLY DRY AREAS NEAR THE COAST TO BE FLOODED BY RISING WATERS. THE WATER COULD REACH THE FOLLOWING DEPTHS ABOVE GROUND IF THE PEAK SURGE OCCURS AT THE TIME OF HIGH TIDE...

FLORIDA COAST WITHIN WARNING AREA...1 TO 3 FT  
NORTH CAROLINA WITHIN THE WARNING AREA...3 TO 5 FT  
REMAINDER OF NORTH CAROLINA AND SE VIRGINIA INCLUDING LOWER CHESAPEAKE BAY...2 TO 4 FT

SURGE-RELATED FLOODING DEPENDS ON THE RELATIVE TIMING OF THE SURGE AND THE TIDAL CYCLE...AND CAN VARY GREATLY OVER SHORT DISTANCES. GIVEN THE LARGE WIND FIELD ASSOCIATED WITH SANDY...ELEVATED WATER LEVELS COULD SPAN MULTIPLE TIDE CYCLES RESULTING IN REPEATED PERIODS OF COASTAL AND BAYSIDE FLOODING. FOR INFORMATION SPECIFIC TO YOUR AREA...PLEASE SEE PRODUCTS ISSUED BY YOUR LOCAL WEATHER OFFICE. SURF...DANGEROUS SURF CONDITIONS ARE OCCURRING FROM FLORIDA THROUGH THE CAROLINAS AND WILL CONTINUE FOR THE NEXT COUPLE OF DAYS.

FORECASTER PASCH

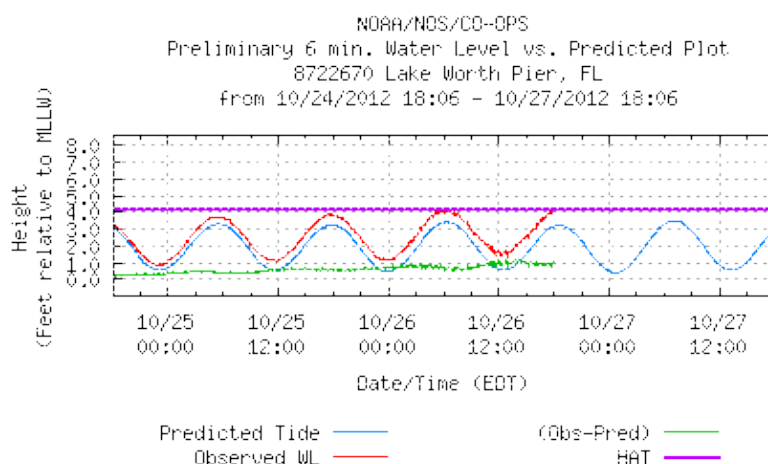
For the purpose of timely release, data contained within this QuickLook have undergone a "limited" NOS Quality Assurance/Control; however, the data have not yet undergone final verification. All data subject to NOS verification.

Jump to: [Lake Worth Pier - Water Level](#), [Lake Worth Pier - Winds](#), [Lake Worth Pier - Barometric](#), [Mayport \(Bar Pilots Dock\) - Water Level](#), [Mayport \(Bar Pilots Dock\) - Winds](#), [Mayport \(Bar Pilots Dock\) - Barometric](#), [Fernandina Beach - Water Level](#), [Fernandina Beach - Winds](#), [Fernandina Beach - Barometric](#), [Fort Pulaski - Water Level](#), [Fort Pulaski - Winds](#), [Fort Pulaski - Barometric](#), [Charleston - Water Level](#), [Charleston - Winds](#), [Charleston - Barometric](#), [Springmaid Pier - Water Level](#), [Springmaid Pier - Winds](#),

Hurricane SANDY QuickLook, POSTED 18:00 EDT 10/26/2012

Springmaid Pier - Barometric, Wrightsville Beach - Water Level, Wrightsville Beach - Winds, Wrightsville Beach - Barometric, Virginia Key - Water Level, Virginia Key - Winds, Virginia Key - Barometric, Vaca Key - Water Level, Vaca Key - Winds,

Lake Worth Pier, FL - Return to List

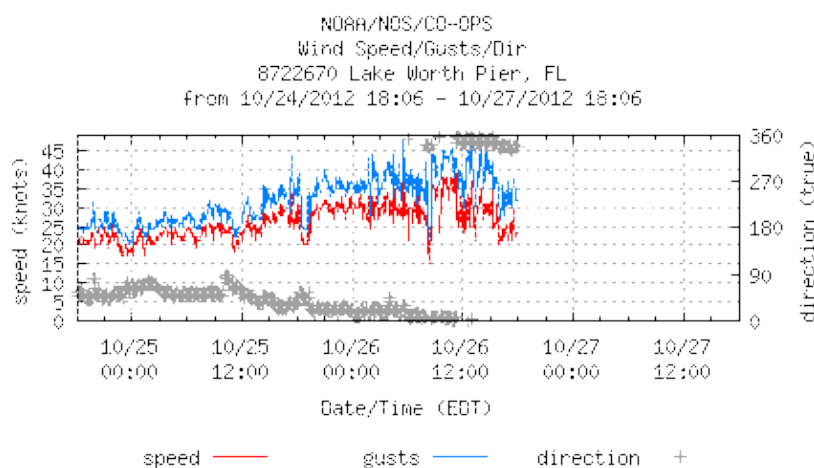


Last Observed Sample: 10/26/2012 17:54 (EDT)

Relative to MLLW: **Observed: 4.18 ft.** **Predicted: 3.16 ft.** **Residual: 1.02 ft.**

Historical Maximum Water Level: Nov 23 1984, 1.88 ft. above MHHW

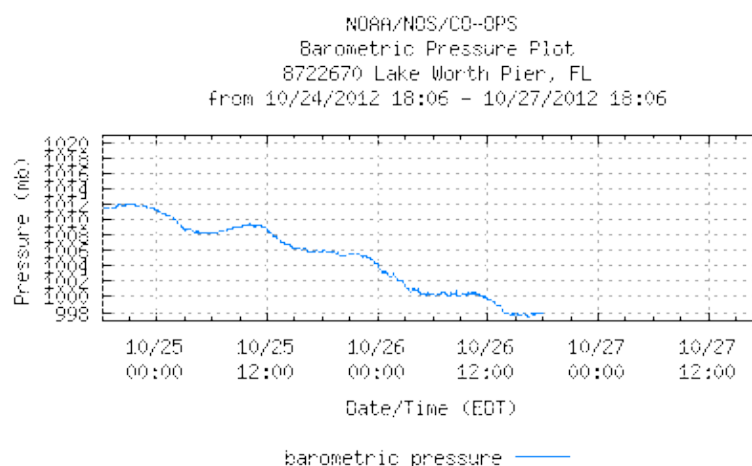
Lake Worth Pier, FL - Return to List



Last Observed Sample: 10/26/2012 17:54 (EDT)

**Wind Speed: 23 knots** **Gusts: 32 knots** **Direction: 336° T**

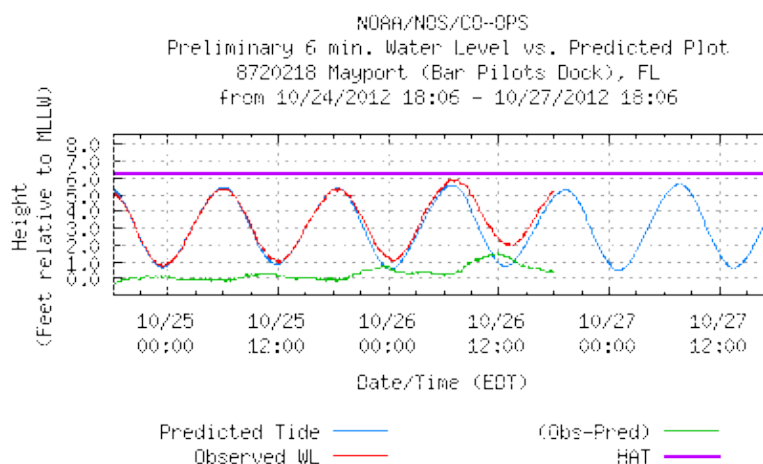
Lake Worth Pier, FL - Return to List



Last Observed Sample: 10/26/2012 17:54 (EDT)

Barometric Pressure: 997.9 mb

Mayport (Bar Pilots Dock), FL - Return to List

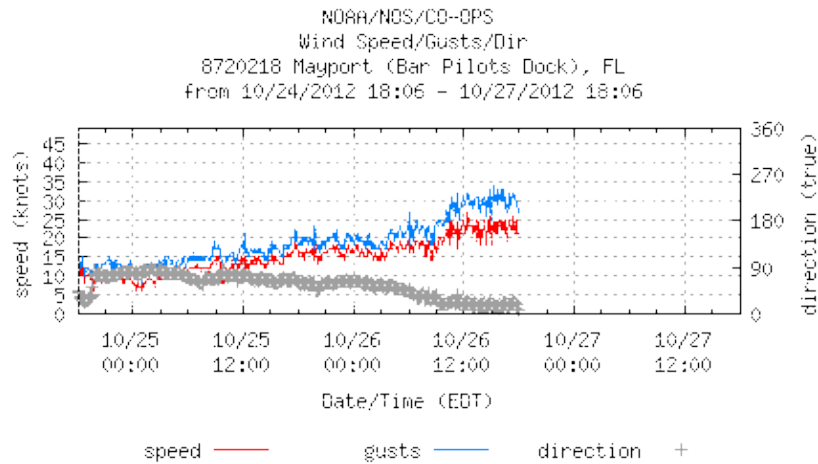


Last Observed Sample: 10/26/2012 17:54 (EDT)

Relative to MLLW: **Observed: 5.20 ft.** **Predicted: 4.79 ft.** **Residual: 0.41 ft.**

Historical Maximum Water Level: Sep 27 2004, 2.47 ft. above MHHW

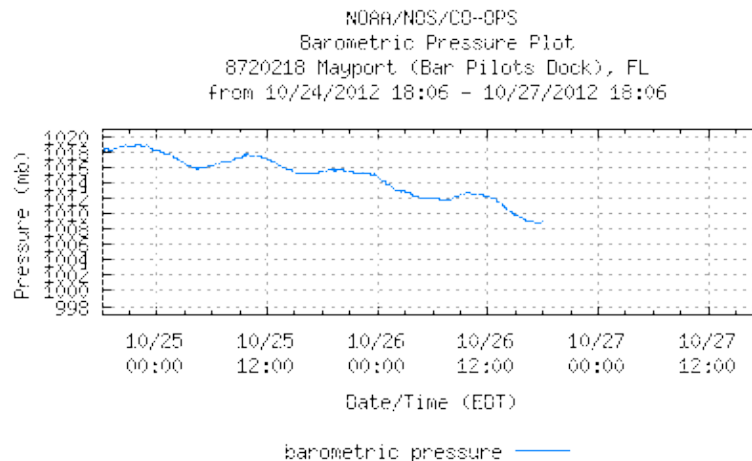
Mayport (Bar Pilots Dock), FL - Return to List



Last Observed Sample: 10/26/2012 17:54 (EDT)

Wind Speed: 21 knots Gusts: 27 knots Direction: 9° T

Mayport (Bar Pilots Dock), FL - Return to List

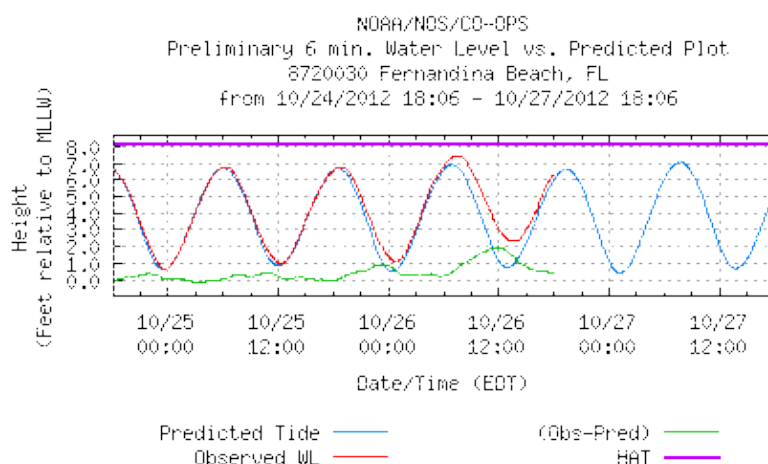


Last Observed Sample: 10/26/2012 17:54 (EDT)

Barometric Pressure: 1008.9 mb



Fernandina Beach, FL - Return to List

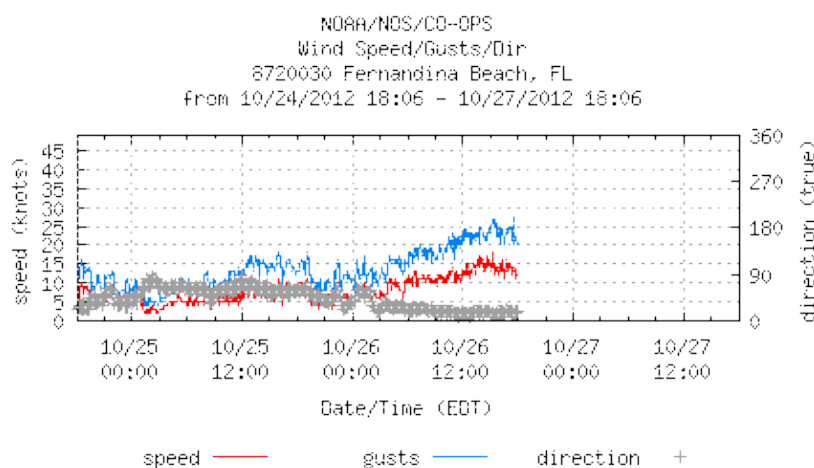


Last Observed Sample: 10/26/2012 17:54 (EDT)

Relative to MLLW: **Observed: 6.34 ft. Predicted: 5.95 ft. Residual: 0.39 ft.**

Historical Maximum Water Level: Oct 2 1898, 6.94 ft. above MHHW

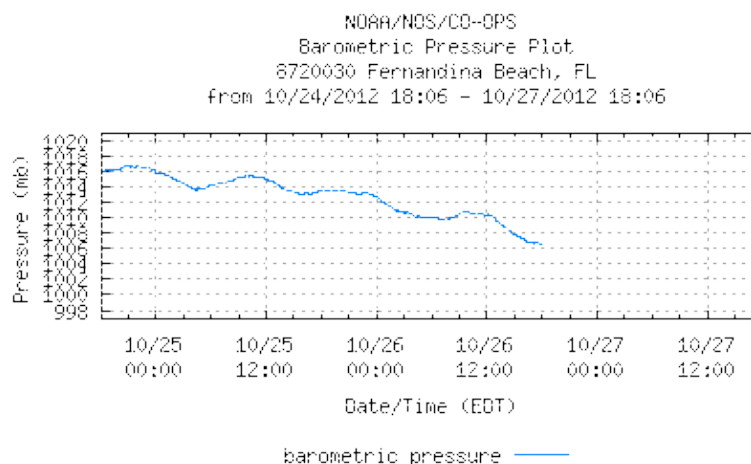
Fernandina Beach, FL - Return to List



Last Observed Sample: 10/26/2012 17:54 (EDT)

**Wind Speed: 12 knots Gusts: 20 knots Direction: 17° T**

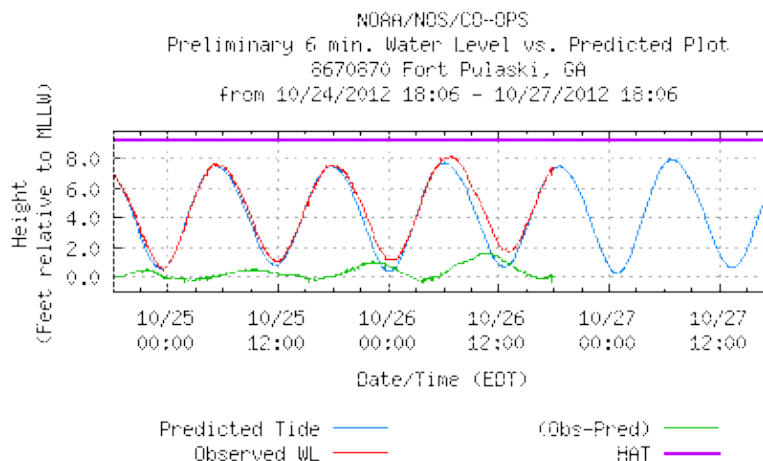
Fernandina Beach, FL - Return to List



Last Observed Sample: 10/26/2012 17:54 (EDT)

Barometric Pressure: 1006.5 mb

Fort Pulaski, GA - Return to List

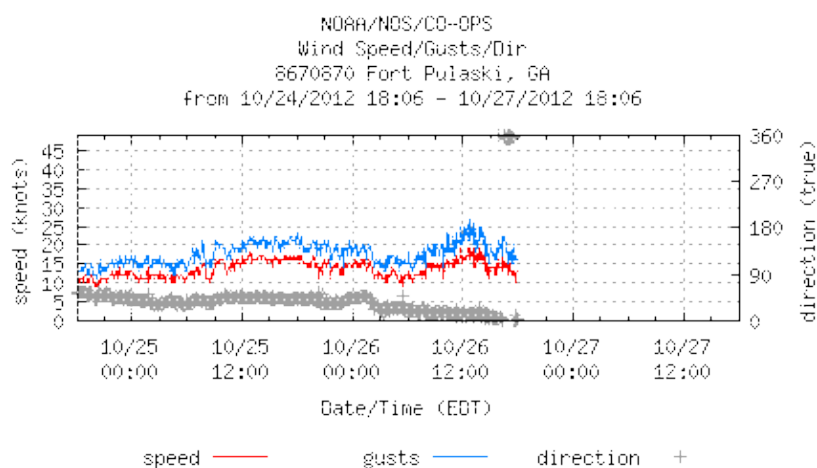


Last Observed Sample: 10/26/2012 17:54 (EDT)

Relative to MLLW: **Observed: 7.38 ft.** **Predicted: 7.28 ft.** **Residual: 0.10 ft.**

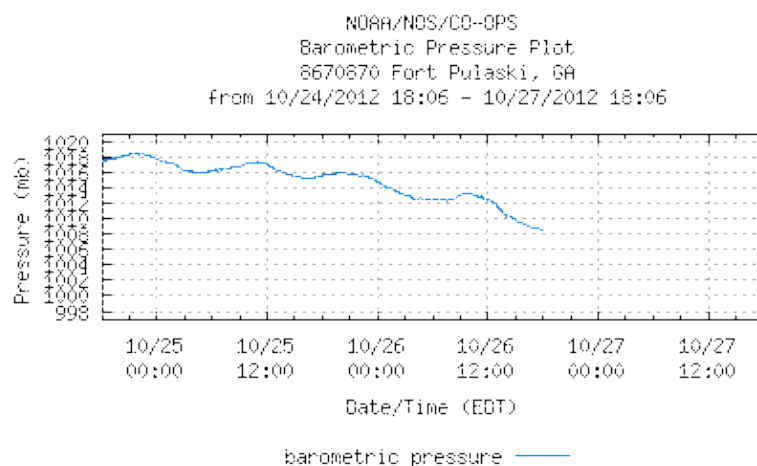
Historical Maximum Water Level: Oct 15 1947, 3.4 ft. above MHHW

[Fort Pulaski, GA - Return to List](#)



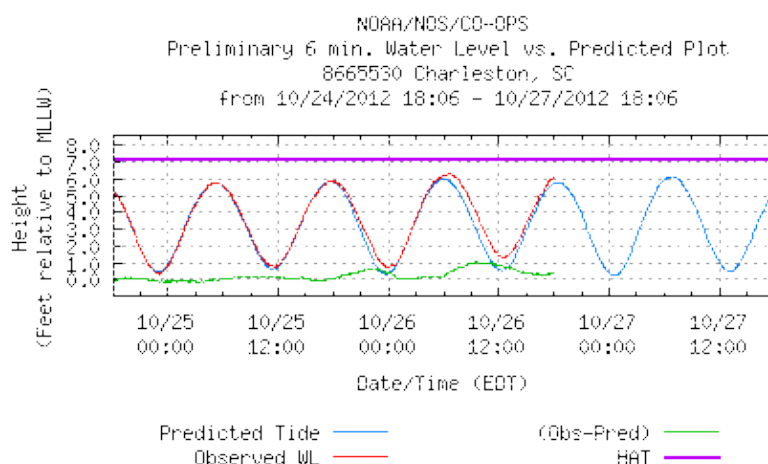
Last Observed Sample: 10/26/2012 17:54 (EDT)  
Wind Speed: 13 knots Gusts: 16 knots Direction: 4° T

[Fort Pulaski, GA - Return to List](#)



Last Observed Sample: 10/26/2012 17:54 (EDT)  
Barometric Pressure: 1008.6 mb

Charleston, SC - Return to List

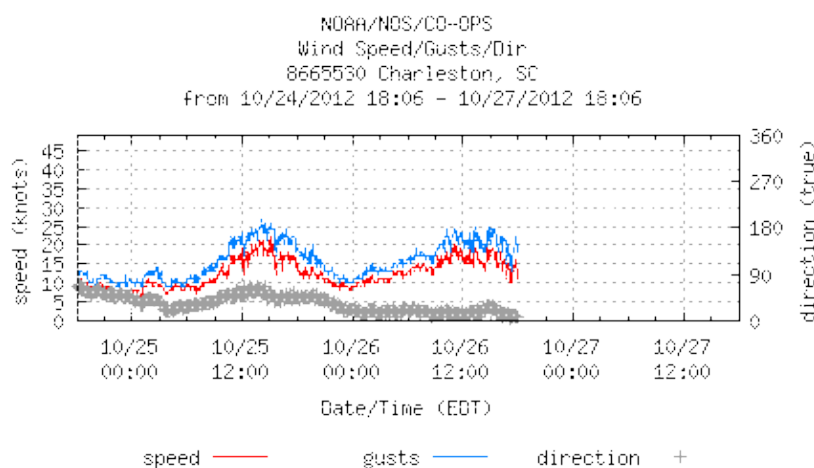


Last Observed Sample: 10/26/2012 17:54 (EDT)

Relative to MLLW: **Observed: 6.08 ft.** **Predicted: 5.70 ft.** **Residual: 0.38 ft.**

Historical Maximum Water Level: Sep 21 1989, 6.76 ft. above MHHW

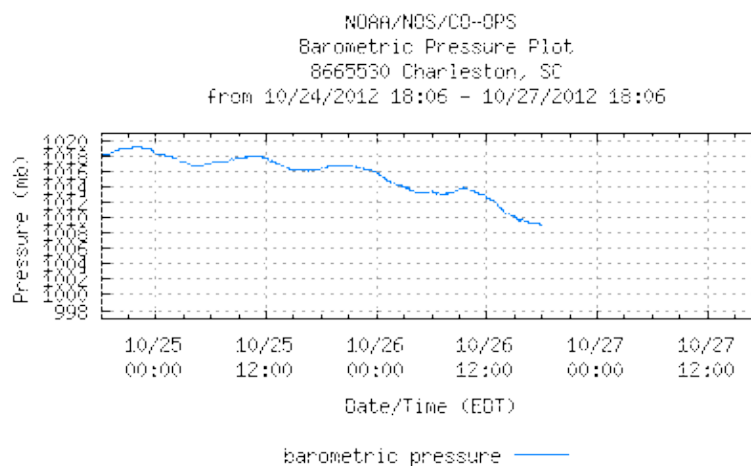
Charleston, SC - Return to List



Last Observed Sample: 10/26/2012 17:54 (EDT)

**Wind Speed: 11 knots** **Gusts: 18 knots** **Direction: 6° T**

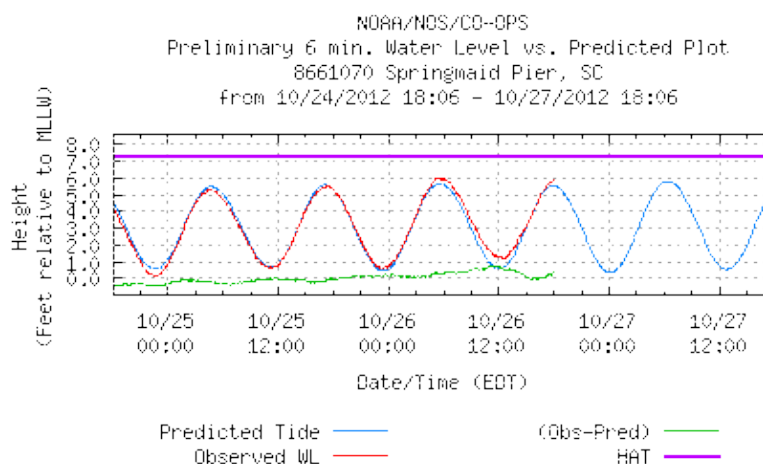
[Charleston, SC - Return to List](#)



Last Observed Sample: 10/26/2012 17:54 (EDT)

Barometric Pressure: 1009.1 mb

[Springmaid Pier, SC - Return to List](#)

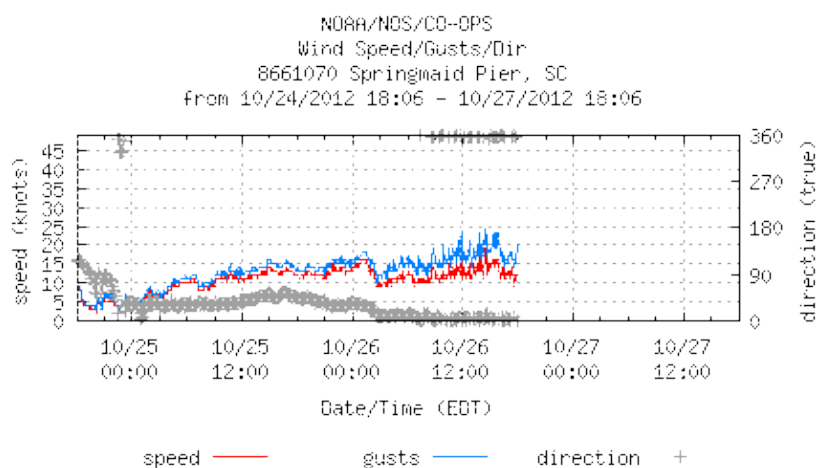


Last Observed Sample: 10/26/2012 17:54 (EDT)

Relative to MLLW: **Observed: 5.89 ft.** **Predicted: 5.54 ft.** **Residual: 0.35 ft.**

Historical Maximum Water Level: Jan 1 1987, 3.65 ft. above MHHW

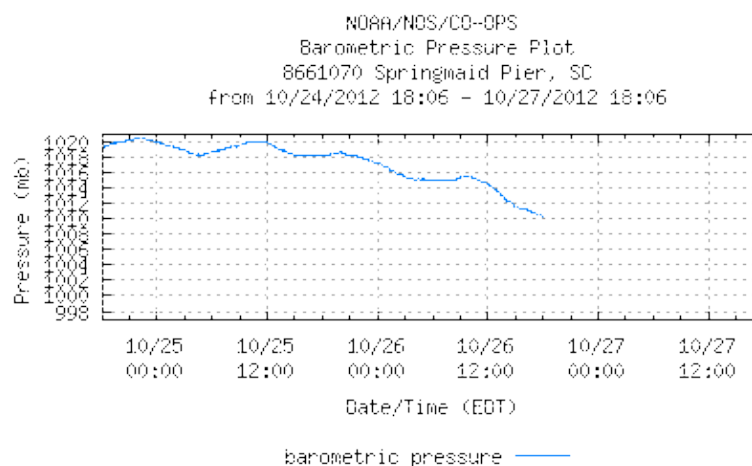
[Springmaid Pier, SC - Return to List](#)



Last Observed Sample: 10/26/2012 17:54 (EDT)

Wind Speed: 12 knots Gusts: 20 knots Direction: 1° T

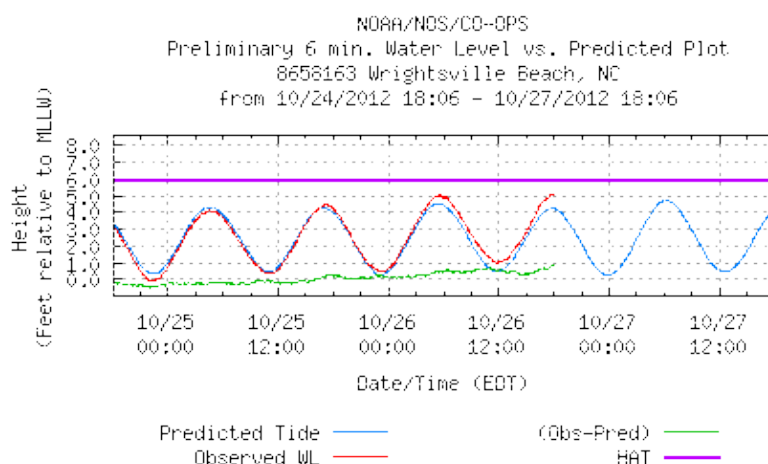
[Springmaid Pier, SC - Return to List](#)



Last Observed Sample: 10/26/2012 17:54 (EDT)

Barometric Pressure: 1010.3 mb

Wrightsville Beach, NC - Return to List

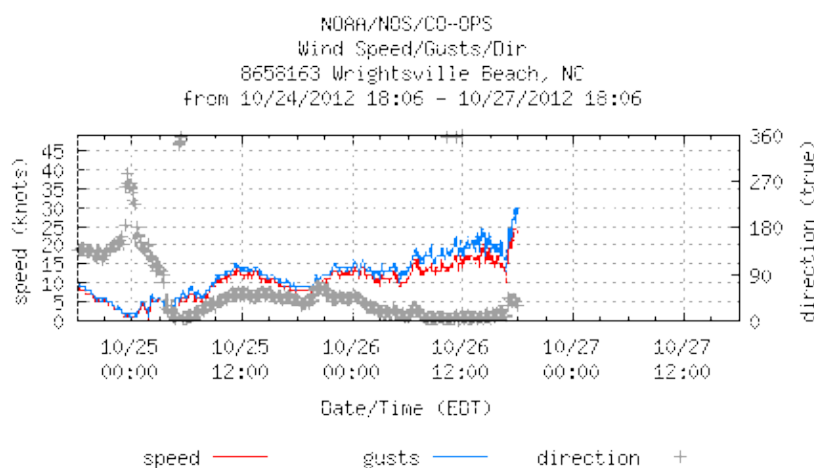


Last Observed Sample: 10/26/2012 17:54 (EDT)

Relative to MLLW: **Observed: 5.08 ft.** **Predicted: 4.24 ft.** **Residual: 0.84 ft.**

Historical Maximum Water Level: Sep 25 2008, 2.81 ft. above MHHW

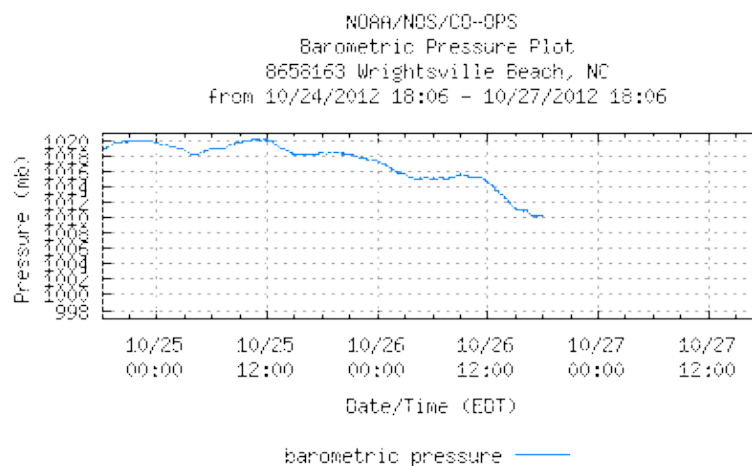
Wrightsville Beach, NC - Return to List



Last Observed Sample: 10/26/2012 17:54 (EDT)

**Wind Speed: 23 knots** **Gusts: 30 knots** **Direction: 31° T**

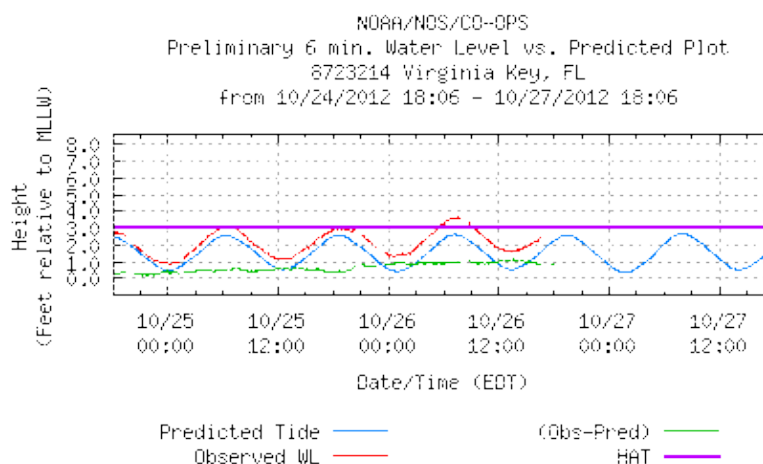
Wrightsville Beach, NC - Return to List



Last Observed Sample: 10/26/2012 17:54 (EDT)

Barometric Pressure: 1010.3 mb

Virginia Key, FL - Return to List



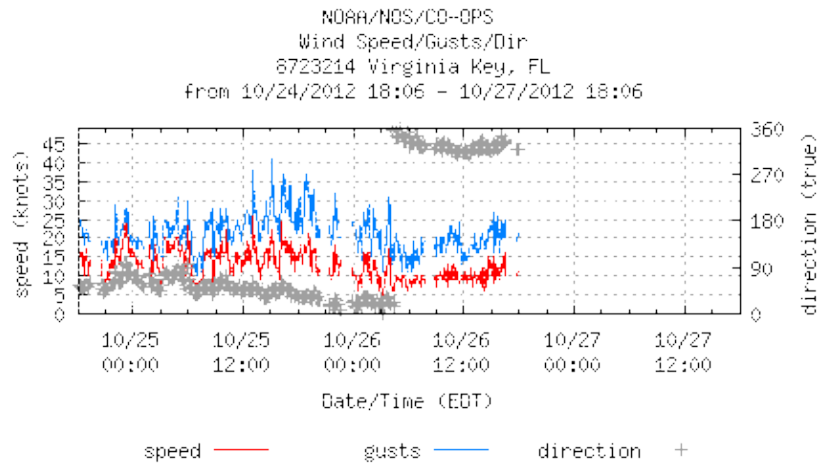
Last Observed Sample: 10/26/2012 17:54 (EDT)

Relative to MLLW: **Observed: 3.05 ft.** **Predicted: 2.21 ft.** **Residual: 0.84 ft.**

Historical Maximum Water Level: Oct 24 2005, 2.58 ft. above MHHW

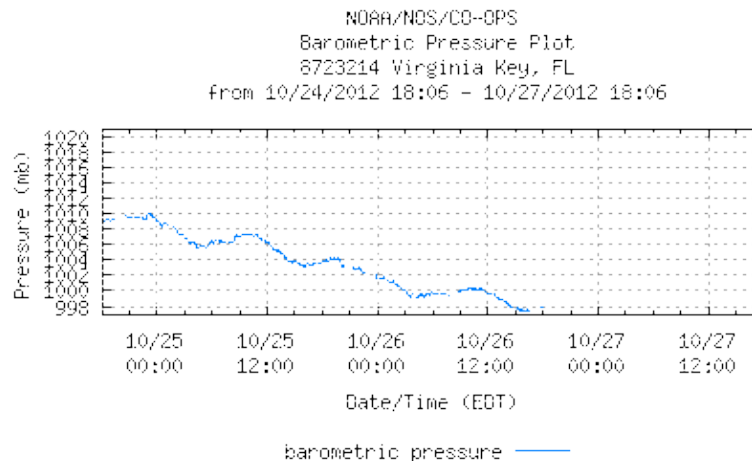


Virginia Key, FL - Return to List



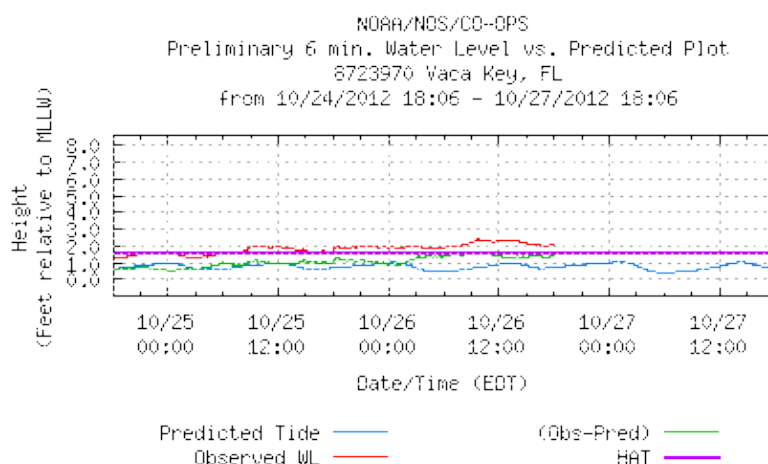
Last Observed Sample: 10/26/2012 17:54 (EDT)  
Wind Speed: 11 knots Gusts: 21 knots Direction: 318° T

Virginia Key, FL - Return to List



Last Observed Sample: 10/26/2012 17:54 (EDT)  
Barometric Pressure: 998.0 mb

Vaca Key, FL - Return to List

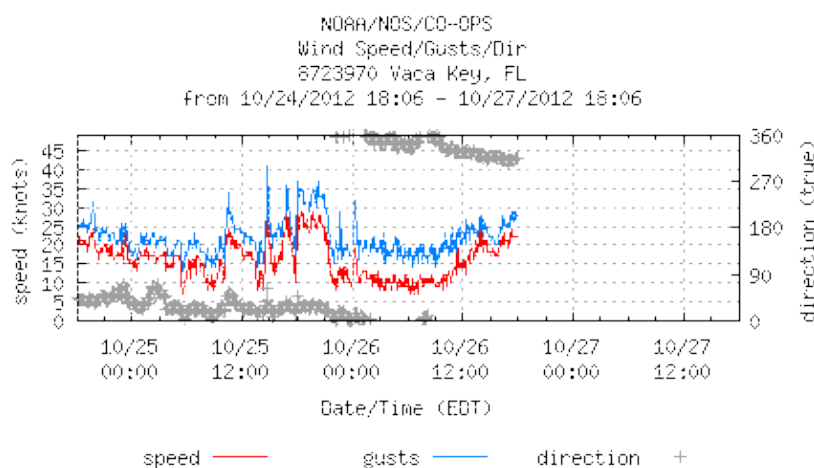


Last Observed Sample: 10/26/2012 17:54 (EDT)

Relative to MLLW: **Observed: 2.12 ft.** **Predicted: 0.72 ft.** **Residual: 1.40 ft.**

Historical Maximum Water Level: Oct 24 2005, 5.8 ft. above MHHW

Vaca Key, FL - Return to List



Last Observed Sample: 10/26/2012 17:54 (EDT)

**Wind Speed: 22 knots** **Gusts: 28 knots** **Direction: 317° T**

Hurricane SANDY QuickLook, POSTED 18:00 EDT 10/26/2012

Center for Operational Oceanographic Products & Services (CO-OPS) | National Ocean Service (NOS)  
National Oceanic and Atmospheric Administration | U.S. Department of Commerce